

## INTEGRATED MICRO-CONTROLLER AND PROGRAMMABLE LOGIC DEVICE

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### Abstract of the Disclosure

A single-IC subsystem controller for controlling electronic devices and subsystems within computer systems and other large electronic systems. The single-IC subsystem controller includes a micro-controller, a complex programmable logic device, an EEPROM, an SRAM, and various electronic bus interfaces and additional signal long  
10 interfaces for interfacing the single-IC subsystem controller device to electronic devices and electrical components. The single-IC subsystem controller allows for flexible partitioning of control functionality between hardware circuits programmed into the CPLD and software routines executed by the micro-controller.

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